

**MCDONNELL DOUGLAS**

July 19, 1991  
C1-Q6C-RBF-91-246

California Regional Water Quality  
Control Board - Los Angeles Region  
101 Centre Plaza Drive  
Monterey Park, CA 91754

Attention: Technical Support Unit

Subject: Technical Monitoring Reports: NPDES Permit No. CA0001406,  
Compliance File No. 6116 and NPDES Permit No. CA0001414,  
Compliance File No. 5999, ~~1st~~ 2nd Quarter, 1991.

Gentlemen:

Douglas Aircraft Company is submitting the technical reports on self monitoring work performed according to the specifications contained in Monitoring and Reporting Program Numbers 6116 and 5999. The enclosures summarize the waste discharge analyses performed for the April through June reporting period at both the Long Beach and Torrance facilities.

As no chromium compounds are utilized at either facility, no analysis for chromium was performed.

We are currently unable to determine with certainty the cause of the high BOD discharge detected on April 19, 1991 at the Long Beach facility.

Please contact me at (213) 497-5172 if you have any questions or comments.

"I declare under penalty of perjury that the foregoing is true and correct", executed on the 19th day of July, 1991.

Yours truly,

*Ronald B. Fornator*

Ronald B. Fornator  
Environmental Engineer  
Safety, Health and Environmental Affairs

DOUGLAS AIRCRAFT CO.  
 19503 S. NORMANDIE AVE.  
 TORRANCE, CA. 90502  
 MONITORING AND REPORTING PROGRAM NO. 5999  
 NPDES PERMIT NO. CA0001414

COMPLIANCE WITH STORM DRAIN EFFLUENT LIMITS

PARAMETER	CONCENTRATION LIMITS				DISCHARGE:
	(mg/l)				
	AVERAGE	MAXIMUM			LIMITS
			04-26-91	06-07-91	
pH	-	6.0-9.0	7.8	8.5	N
TEMPERATURE	-	100F	65	67	N
SUSPENDED SOLIDS	50	150	4.0	ND	N
SETTLEABLE SOLIDS	0.1 ml/l	0.3 ml/l	NA	<0.1	N
BOD5 @ 20C	20	60	2.04	ND	N
OIL & GREASE	10	15	11.7	ND	N
CHROMIUM TOTAL**	0.005	0.01	**	**	N
TOTAL WASTE FLOW-GPD			No Flow	2,880	

# REPORT

**TRUESDAIL LABORATORIES, INC.**



14201 FRANKLIN AVENUE  
TUSTIN, CALIF. 92680  
AREA CODE 714 • 730-6239  
AREA CODE 213 • 225-1564  
FAX 714 • 730-6462

**CHEMISTS - MICROBIOLOGISTS - ENGINEERS**  
RESEARCH - DEVELOPMENT - TESTING

**CLIENT** Douglas Aircraft Company  
Internal Mail Code 74-41  
3855 Lakewood Blvd.  
Long Beach, California 90846  
Attention: Ron Fornator

**SAMPLE** Water from Stormdrain, Torrance Facility  
6/07/91  
P.O. No.: T & M 23465C

**DATE** July 18, 1991  
**RECEIVED** June 10, 1991  
**LABORATORY NO.** 47318

**INVESTIGATION** Quarterly analysis as required by NPDES permit #CA0001414

## RESULTS

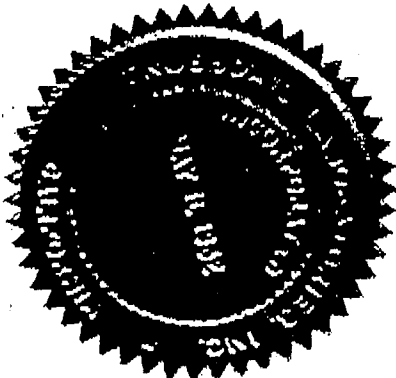
A one gallon grab sample was taken from the stormdrain on June 7, 1991 from 10:30 to 11:00 a.m. by a representative of Truesdail Laboratories, Inc.

Total Flow, GPD	2,880
pH, Units (EPA 150.1)	8.5
Temperature, °F	67
Settleable Solids, ml/L/hr (EPA 160.5)	<0.1

Parameter	Method	MILLIGRAMS PER LITER	
		Detection Limit	Concentration
Suspended Solids	EPA 160.2	4.0	ND
BOD	EPA 405.1	2.0	ND
Oil and Grease	EPA 413.1	6.0	ND

Respectfully submitted,  
TRUESDAIL LABORATORIES, INC.

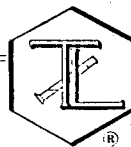
*Brian C. Puncochar*  
Brian C. Puncochar, Manager  
Water and Waste Laboratory



This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from these Laboratories.

# REPORT

## RUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS  
RESEARCH - DEVELOPMENT - TESTING

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CLIENT **Douglas Aircraft Company**  
Internal Mail Code 74-41  
3855 Lakewood Blvd.  
Long Beach, California 90846  
Attention: Ron Fornator  
SAMPLE **Water from Stormdrain, Torrance Facility**  
P.O. No.: T & M 23465C

DATE May 20, 1991  
RECEIVED April 26, 1991  
LABORATORY NO. 46993

INVESTIGATION **Quarterly analysis as required by NPDES permit #CA0001414**

### RESULTS

A one gallon grab sample was taken from the stormdrain at 11:00 a.m. on April 26, 1991 by a representative of Truesdail Laboratories, Inc.

pH, Units (EPA 150.1 7.8  
Temperature, °F 65

Parameter	Method	MILLIGRAMS PER LITER	
		Detection Limit	Concentration
Suspended Solids	EPA 160.2	4.0	4.0
BOD	EPA 405.1	2.0	2.04
Oil and Grease	EPA 413.1	6.0	11.7

Respectfully submitted,  
TRUESDAIL LABORATORIES, INC.

*Brian C. Puncochar*

Brian C. Puncochar, Manager  
Water and Waste Laboratory

